

3. (amended) A color liquid crystal display apparatus characterized in that:

said color liquid crystal panel comprises on one substrate of a pair of substrates which sandwich liquid crystal,

thin-film transistor elements arranged in a matrix shape in correspondence with pixels;

a wiring portion of said thin-film transistor elements;

a pixel electrode connected to said wiring portion; and

a color filter layer formed between said pixel electrode and an inorganic insulating layer for covering said wiring portion of said thin-film transistor elements,

said color filter layer includes a lower light-transmission flatted layer and a primary-color-type colored filter pattern, and is provided an opening through which a connection portion of said wiring portion of said thin-film transistor elements and said pixel electrode is penetrated;

a common electrode commonly used for plural pixels is formed on the other substrate;

said pixel electrode is driven by said thin-film transistor elements in response to an image signal; and

said liquid crystal is driven by a voltage applied between said pixel electrode and said common electrode to form an image.

4. (amended) A color liquid crystal display apparatus characterized in that:

said color liquid crystal panel comprises on one substrate of a pair of substrates which sandwich liquid crystal,

thin-film transistor elements arranged in a matrix shape in correspondence with pixels;

a wiring portion of said thin-film transistor elements;
a pixel electrode connected to said wiring portion; and
a color filter layer formed between said pixel electrode and an inorganic insulating layer for covering said wiring portion of said thin-film transistor elements,

said color filter layer includes a lower light-transmission flatted layer, a primary-color-type colored filter pattern and an upper light-transmission protection layer, and is provided with an opening through which a connection portion of said wiring portion and said pixel electrode is penetrated; and

a common electrode commonly used for plural pixels is formed on the other substrate;

said pixel electrode is driven by said thin-file transistor elements in response to an image signal; and

said liquid crystal is driven by a voltage applied between said pixel electrode and said common electrode to form an image.

7. (amended) A color liquid crystal display apparatus as claimed in claim 3 characterized in that:

said lower light-transmission flattened layer and said primary-color-type colored pattern are made of photosensitive resin.

A3
concl'd

8. (amended) A color liquid crystal display apparatus as claimed in claim 4 characterized in that:

said lower light-transmission flattened layer, said primary-color-type colored pattern and said upper light-transmission protection layer are made of photosensitive resin.

A4
B3
B4

10. (amended) A color liquid crystal display apparatus as claimed in claim 4 characterized in that:

said lower light-transmission flattened layer and said upper light-transmission protection layer are made of thermosetting resin.

A5
B3
B5

13. (amended) A color liquid crystal display apparatus as claimed in claim 3 characterized in that:

said lower light-transmission flattened layer is a polyimide film in which a polyimide precursor whose molecular terminal is end-capped is imidized by heat-curing.

14. (amended) A color liquid crystal display apparatus as claimed in claim 4 characterized in that:

said lower light-transmission flattened layer is a polyimide film in which a polyimide precursor whose molecular terminal is end-capped is imidized by heat-curing.